

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) ~~Dietary~~ A dietary supplement mixture having neuroprotective activity which comprises a peptide formulation, comprising at least one of ~~the two peptides defined by sequence 1: a peptide having the amino acid sequence of NMVPFPR (SEQ ID NO: 1)~~ or ~~sequence 2: a peptide having the amino acid sequence of ASAFQGIGSTHWVYDGVGNS (SEQ ID NO: 2).~~

2. (Currently Amended) ~~Dietary~~ The dietary supplement mixture according to claim 1 further comprising additional amino acids.

3. (Currently Amended) ~~Dietary~~ The dietary supplement mixture according to claim 1 comprising further peptides with a molecular weight less than 10 kDa.

4. (Currently Amended) ~~Dietary~~ The dietary supplement mixture according to claim 1 comprising trace elements and/or mineral substances and/or vitamins and/or caffeine and/or taurine and/or fatty acids and/or phospholipids, and/or phosphatidylserines and/or plant extracts.

5. (Currently Amended) ~~Dietary~~ The dietary supplement mixture according to claim 1 further comprising acceptable additives and/or excipients and/or fillers and/or colouring substances and/or flavouring substances.

6. (Currently Amended) ~~Oral~~ An oral dosage form comprising a dietary supplement mixture according to claim 1 and acceptable additives and/or excipients and/or fillers and/or colouring substances and/or flavouring substances and/or solvents.

7. (Currently Amended) ~~Oral~~ The oral dosage form comprising a dietary supplement mixture according to claim 1, comprising 2 - 20 wt% peptides.

8. (Currently Amended) ~~Oral~~ The oral dosage form according to claim 7 further comprising 10 - 30 wt% amino acids.

9. (Previously Presented) A method for preventing, ameliorating or improving age-associated memory impairment and/or age-associated cognitive decline and/or benign senescent forgetfulness, which comprises administering to a patient in need thereof an effective amount of the dietary supplement mixture according to claim 1.

10. (Previously Presented) A method to protect neurons against metabolic deficits and stress associated with aging processes, which comprises administering to a patient in need thereof an effective amount of the dietary supplement mixture according to claim 1.

11. (Previously Presented) A method to prevent, counteract and/or ameliorate the consequences of age-related neuronal lesions due to hypoxia or ischaemia, the consequences of age-related neuronal lesions due to intracellular calcium overload, the consequences of age-related neuronal lesions induced by L-glutamate and excitotoxic events and the consequences of age-related neuronal lesions due to oxidative stress, which comprises administering to a patient in need thereof an effective amount of the dietary supplement mixture according to claim 1.

12. (Previously Presented) A method to prevent, counteract and/or ameliorate the consequences of age associated neurodegeneration, to prevent neuronal cell death due to cell stress, neurodegenerative events and intoxication, to maintain and preserve normal neuronal cytoarchitecture during aging processes, to support and/or improve synaptic function and

synaptic density, to prevent, counteract, and/or ameliorate the consequences of the age-related decline of synaptic plasticity and of synaptic density, which comprises administering to a patient in need thereof an effective amount of the dietary supplement mixture according to claim 1.

13. (Previously Presented) A method to activate cerebral mechanisms related to attention and memory performance, which comprises administering to a patient in need thereof an effective amount of the dietary supplement mixture according to claim 1.

14. (Previously Presented) A method to prevent, counteract, and/or improve cognitive function decline, to prevent, counteract, and/or improve memory function decline, to prevent, counteract, and/or improve attention deficits, to prevent, counteract, and/or improve a decrease of vigilance associated with aging processes and to support, maintain and or improve long term memory and procedural memory as well as learning performance, attention and vigilance ,which comprises administering to a patient in need thereof an effective amount of the dietary supplement mixture according to claim 1.

15. (Previously Presented) A method to preserve/support healthy mental function during the aging processes, which comprises administering to a patient in need thereof an effective amount of the dietary supplement mixture according to claim 1.